**WHAT IS CLAIMED IS:**

1. A method for protecting an embedded software, whereby a verification mechanism of the embedded software is modified as to require the embedded software to be operated in coordination with hardware characteristics of an authorized electronic information appliance , the electronic information appliance having a storage device and firmware to enable execution of the embedded software only in the authorized electronic information appliance, the method comprising steps of:

   (1) having a first program of the embedded software store parameters to be transmitted in a first address of the storage device, and having the embedded software pass a parameter access authorization through a function of the firmware to the firmware of the electronic information appliance;

   (2) having the firmware rearrange and store the parameters in a second address of the storage device, and handing over the authorization to the embedded software; and

   (3) having the embedded software call and pass the authorization to a second program of the embedded software, and having the second program extract the parameters from a default parameter address, and determining whether the parameters are correct, wherein, if the parameters are correct, the embedded software is properly executed, otherwise the embedded software is disabled.

2. The method of claim 1, wherein the electronic information appliance is a storage server.

3. The method of claim 1, wherein the storage device is a memory.

4. The method of claim 1, wherein the firmware is a basic input/output system (BIOS).

5. The method of claim 1, wherein the first program is a main program of the embedded software.

6. The method of claim 1, wherein the address of the storage device in step (1) is a buffer in the memory.

7. The method of claim 1, wherein the function provided by the firmware is an appliance management interrupt (SMI) function.

8. The method of claim 1, further comprising encoding and rearranging the sequence of the parameters before having the firmware rearrange and store the parmeters according to a different sequence in a second address of the storage device in step (2).

9. The method of claim 1, wherein the second program is an auxiliary program of the embedded software.

10. The method of claim 1, wherein the embedded software is storage management software.